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Security Information

MEMORANDUM FOR: Secretary Incentive Awards Committee

THRU: Personnel Director

SUBJECT: Step Increase for Superior Accomplishment -

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REFERENCE: [redacted] dated 21 April 1953

1. While serving as Maintenance Engineer at the Foreign Broadcast Information Division [redacted] undertook the work of designing improvements on the commercial multicoupler in use, to accommodate additional antenna outlets required by the Bureau. In addition [redacted] explored the possibility of designing a multicoupler with an inherently lower noise background and higher sensitivity than the commercial models now in use.

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2. From October 1951 to April 1952 [redacted] experimented with a variety of designs finally building a type of multicoupler which appeared to have the following basic advantages over multicouplers now in use by FBID:

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a. Less noise background giving a better signal to noise ration on incoming signals.

b. Much more compact, utilizing less panel and rack space. Uses miniature tubes.

c. Lower cost of construction in that it can easily be built by Bureau personnel. On the forthcoming [redacted] installation this will constitute a saving of \$10,500 representing an average saving per coupler of \$635.

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d. The lower cost of construction also allows the bureau to expand its antenna coupler outputs, which in turn allows a greater degree of Antenna switching from various locations, increasing considerably the efficiency of the over-all antenna system.

3. The [redacted] Engineering section and the Chief Engineer of FBID made extensive tests of the new multicoupler design. These tests confirm the above advantages and it was decided to adopt the new multicoupler for use at the [redacted]

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4. While the multicoupler still has undesirable limitations which do not make it suitable for adaptation for production for all FBIID bureaus, it is believed that the initiative evidenced by [redacted] in developing it and the indirect savings to the Agency warrant a step increase for superior accomplishment.

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Deputy Assistant Director for Operations